

Date: 01 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(—) Position based on data 0 to 2 days old.

(---) Position based on data 3 to 7 days old.

(- - - -) Position based on data 8 days or more old.

(.....) Mean position for month.

V K very cold
K cold
M mixed
W warm

For additional information
call (305) 665-4707

NEXT UPDATE

04 DEC 89

220863 225864 235868 247872 257867

262860 258855 250850 243838 239831

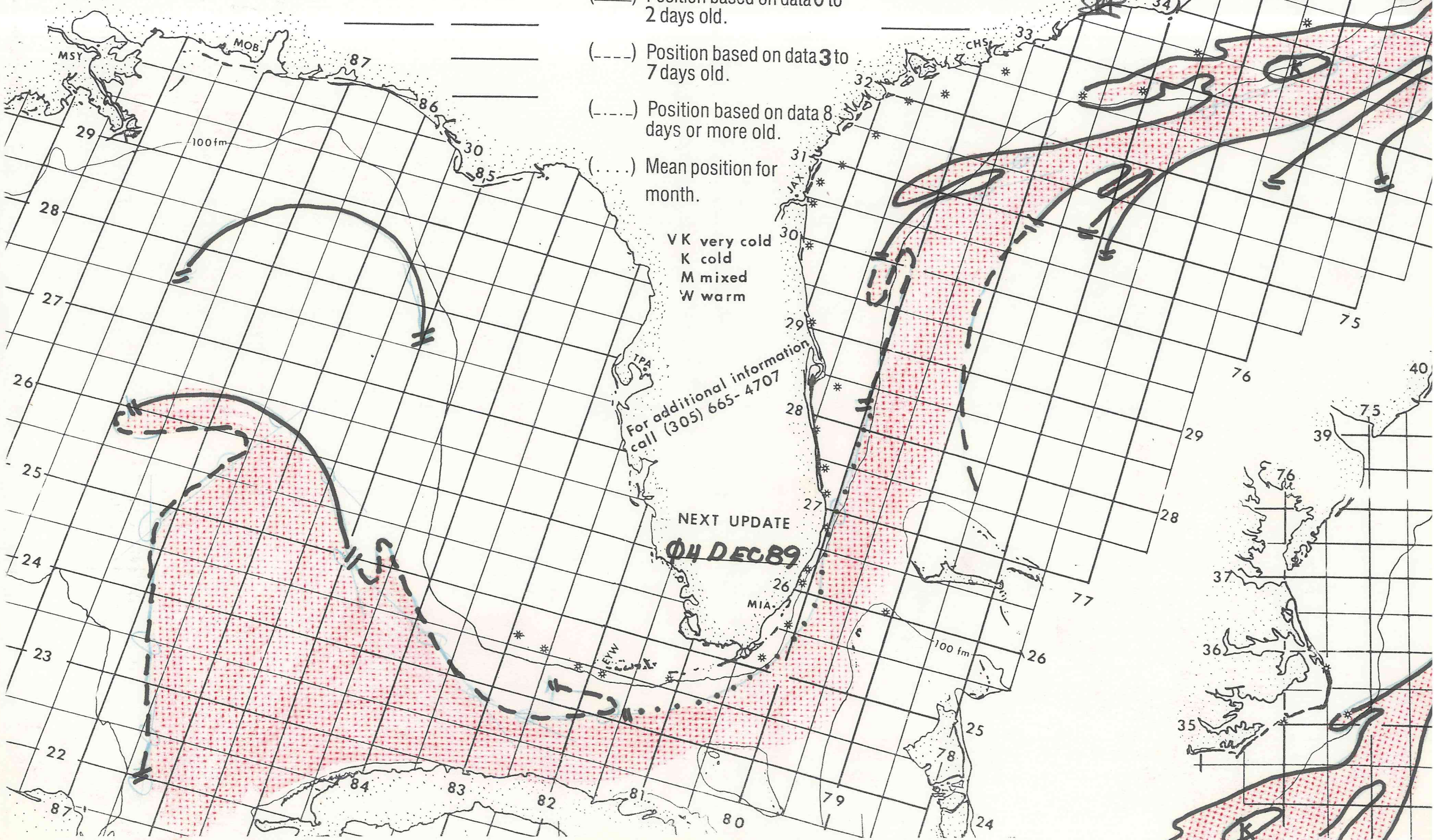
238826 241816 | _____

270800 309800 312795 317792 328773

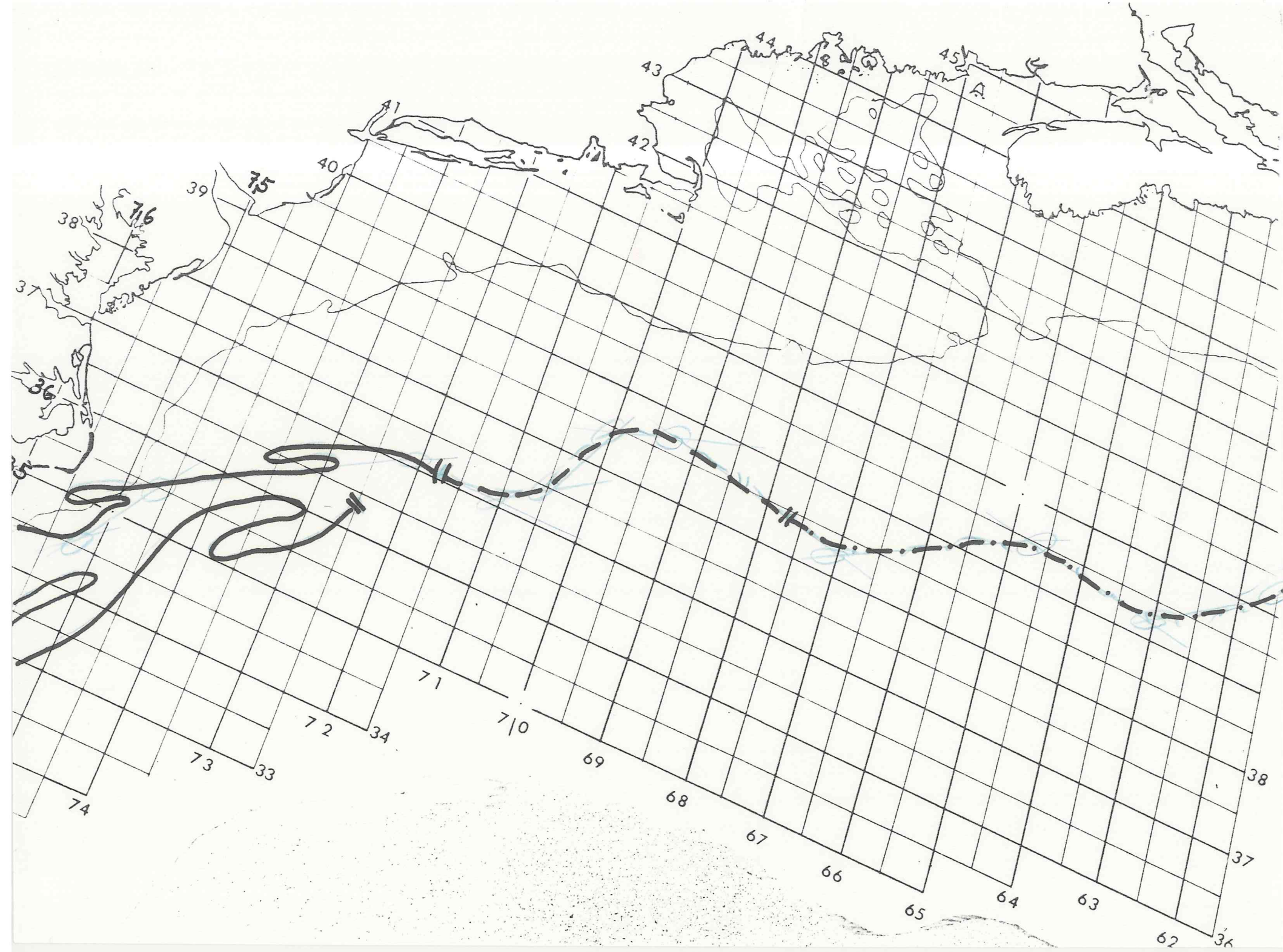
338760 246752 355747 371721 371711

375705 384700 387693 383670 36

395647 393631 402615 | _____



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 04 DEC 1989

216864 220864 230867 238868 247872
 252875 260864 266859 263884 257850
 248848 240840 238828 242814 244809
 247803 256800 260800//

270800 290800 308802 320790 323782
 329775 339760 357744 371720 370711
 374704 384698 387690 382670 36
 392653 394643 392630 397622
 402615//

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

- (——) Position based on data 0 to 2 days old.
- (- - -) Position based on data 3 to 7 days old.
- (. . . .) Position based on data 8 days or more old.
- (. . . .) Mean position for month.

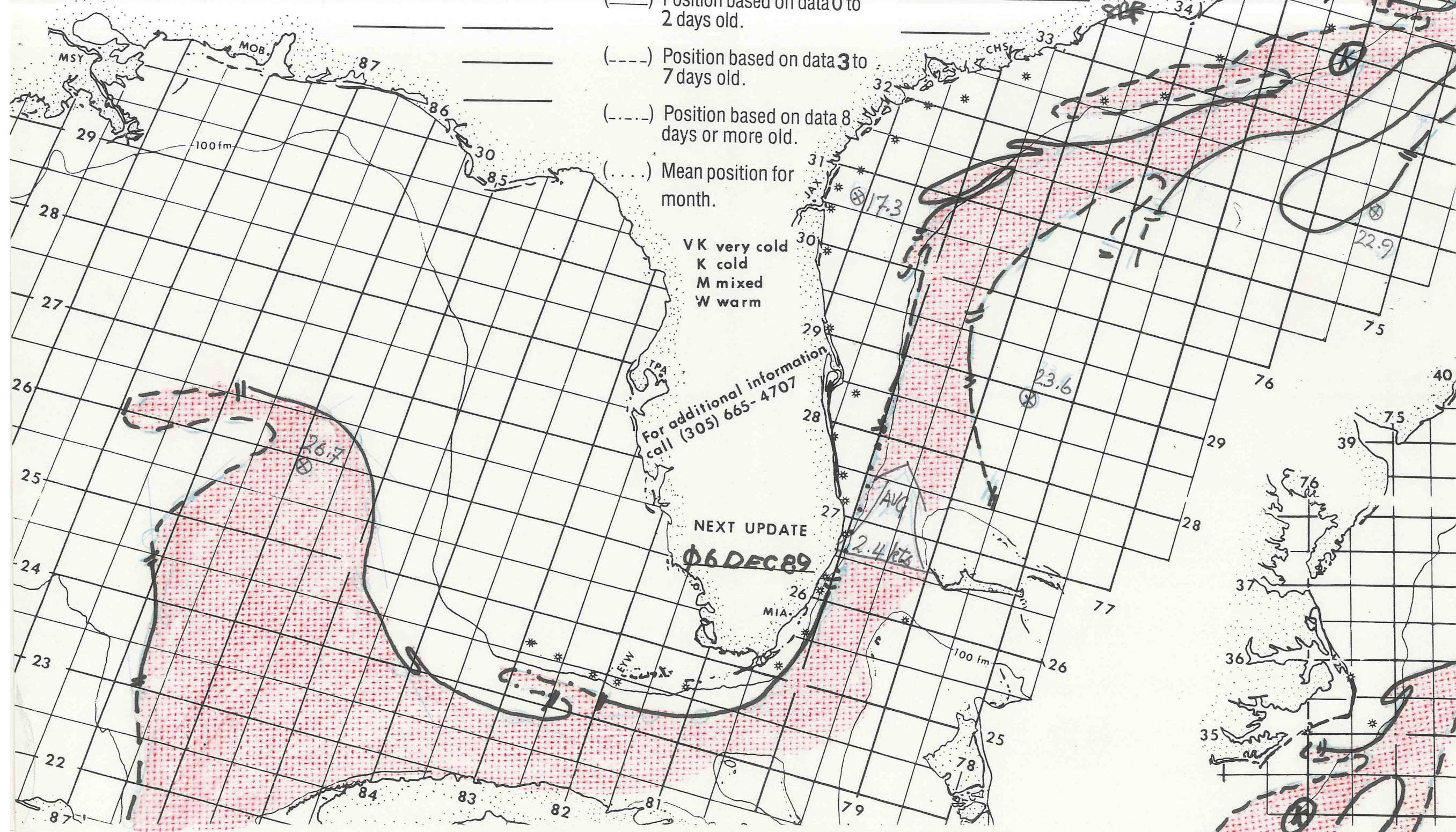
VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

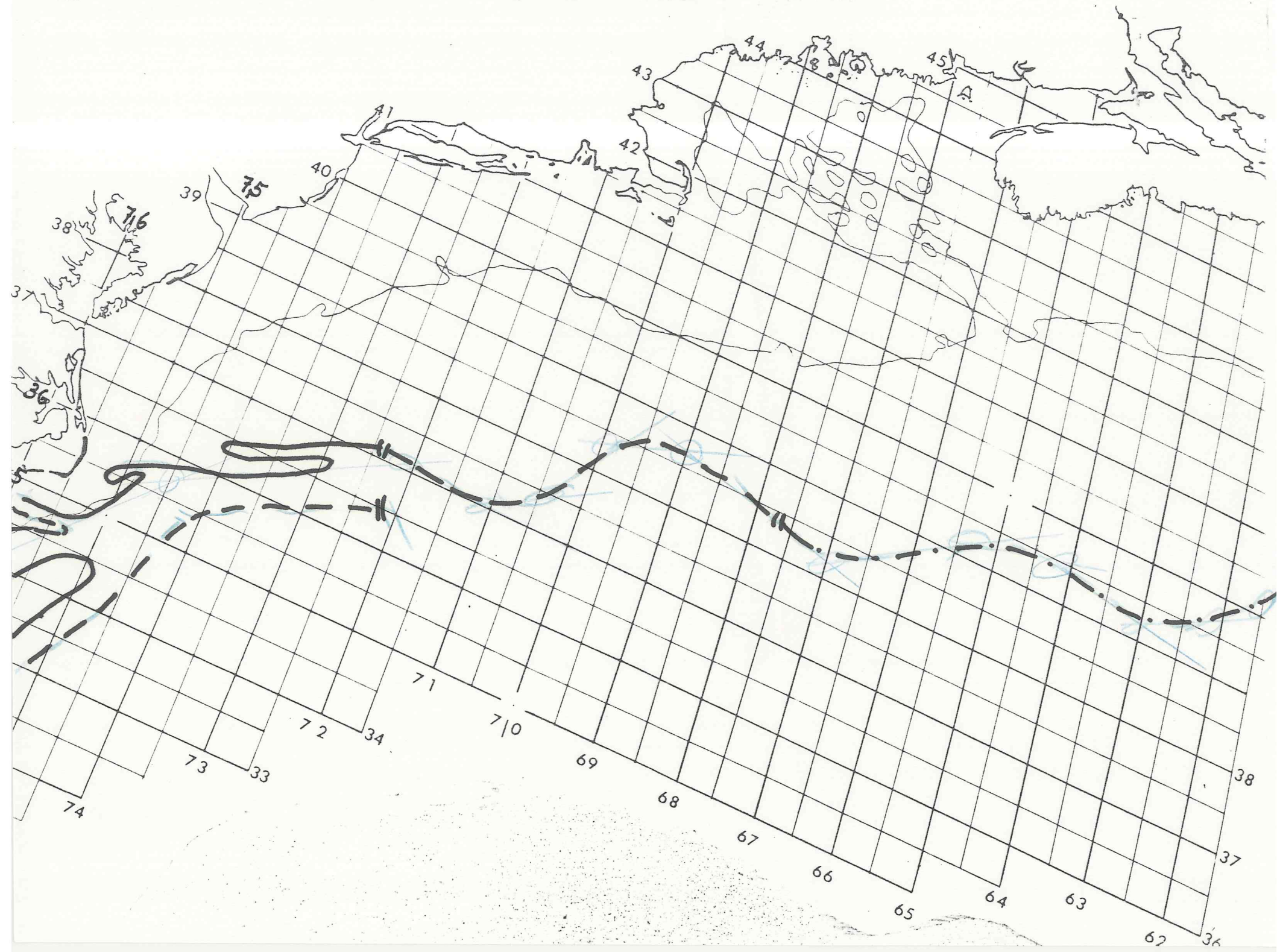
NEXT UPDATE

06 DEC 89

2.4 kts



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 06 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(—) Position based on data 0 to 2 days old.

(- - -) Position based on data 3 to 7 days old.

(.....) Position based on data 8 days or more old.

(....) Mean position for month.

VK very cold
K cold
M mixed
W warm

For additional information
call (305) 665-4707

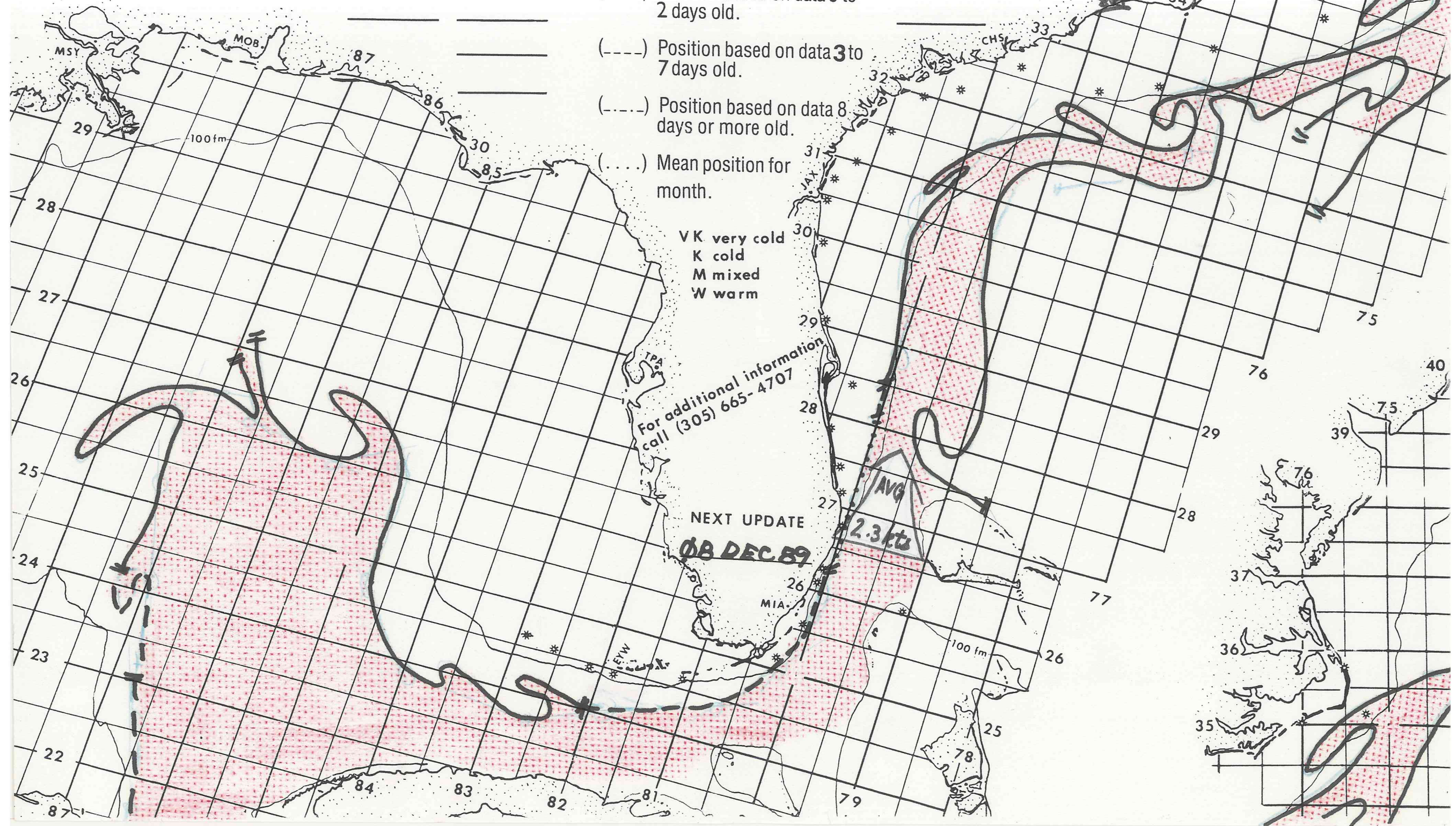
NEXT UPDATE

08 DEC 89

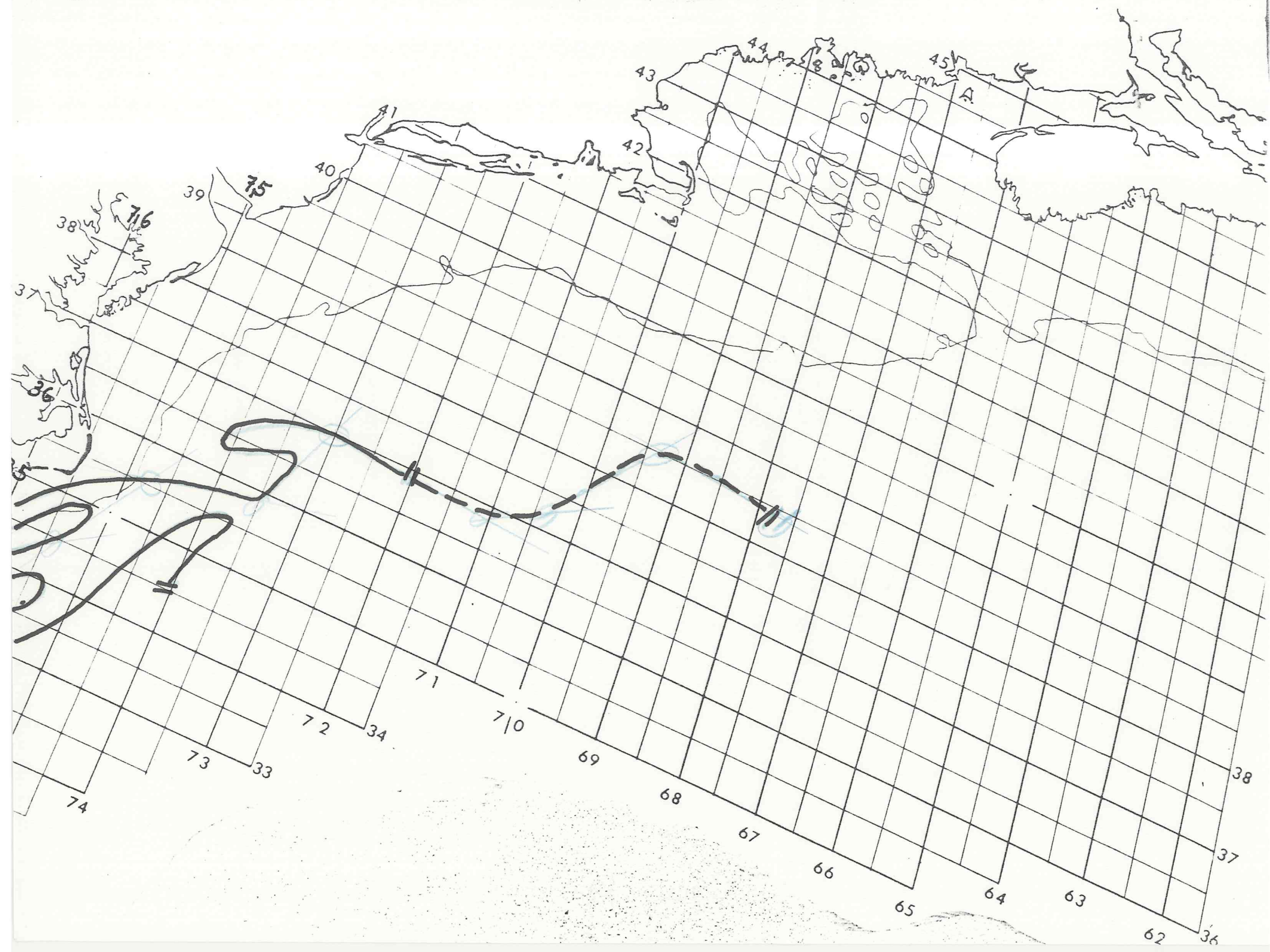
AVG
2.3 kts

270800 288800 305802 317798 320790
322775 329776 344754 356747 359735
370730 369710 372703 385693
384679

216864 225866 235868 242870 252872
264873 264870 262865 260855 263848
261847 248847 239840 237826 241818
244807 250802 257800 260800 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

220863 233868 246870 250868 256874
 264870 264865 260859 262848 259846
 255846 247846 239841 237829 241819
 245807 252801 260800

NOAA Miami SFSS

Date: 08 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(——) Position based on data 0 to 2 days old.

(- - - -) Position based on data 3 to 7 days old.

(.....) Position based on data 8 days or more old.

(.....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE

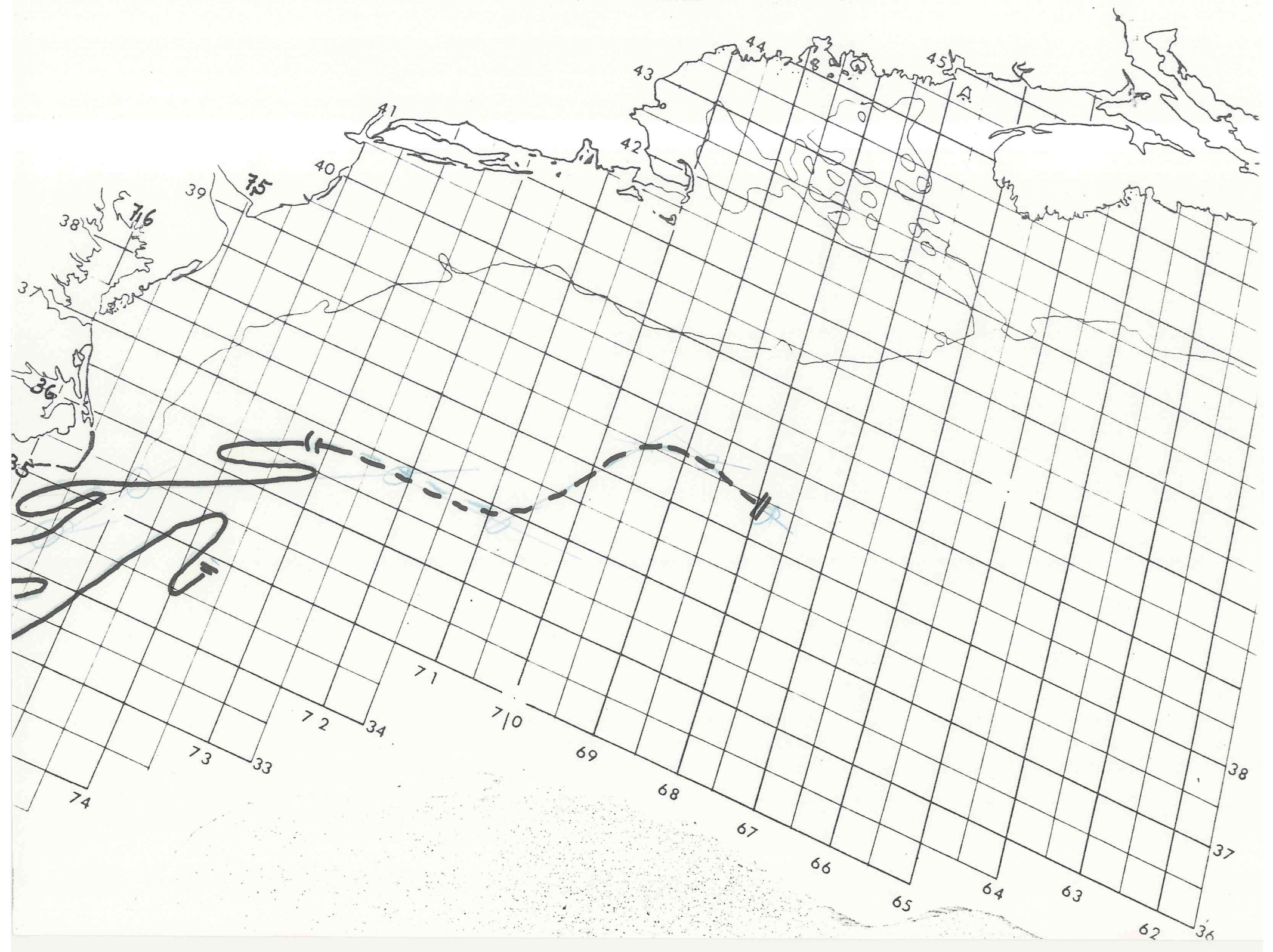
11 DEC 89

GULF STREAM SYSTEM FLOW CHART # 2450

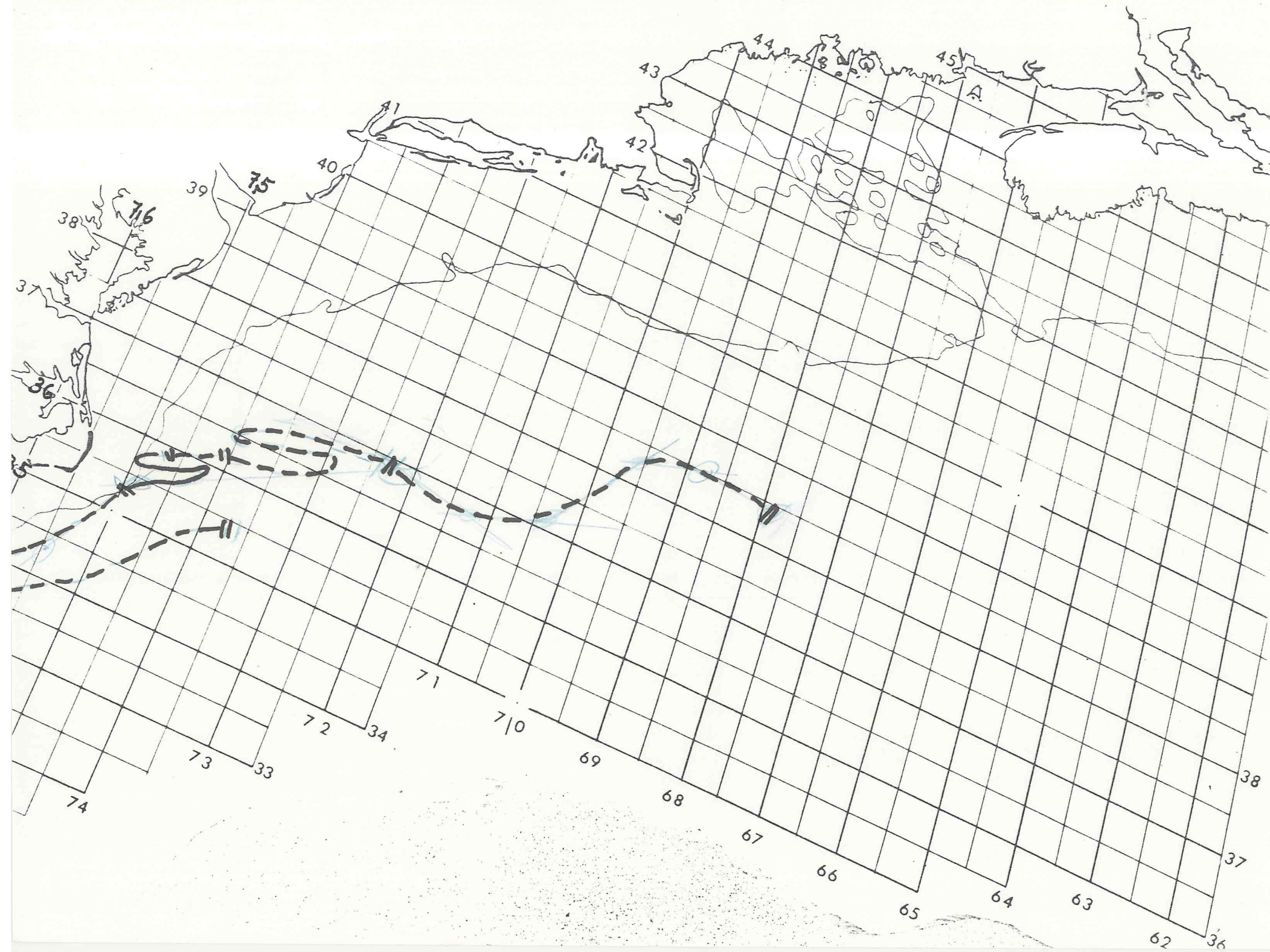
270800 285800 296802 313800 321790
 322776 325774 330777 334766 345755
 354748 368721 369709 385695 36
 386687 384679



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 DEC 1989 PART B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

220864 223865 228869 234871 240875
245872 255870 261870 265866 261856
263850 260846 243844 239841 237831
239821 244816 250802 252800 260800

Date: 13 DEC 1989

270800 280798 290800 296799 304802
321791 326774 333770 339761 346754
353748 365730 368720 363711 36
371704 381696 384690 384680

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(——) Position based on data 0 to 2 days old.

(- - - -) Position based on data 3 to 7 days old.

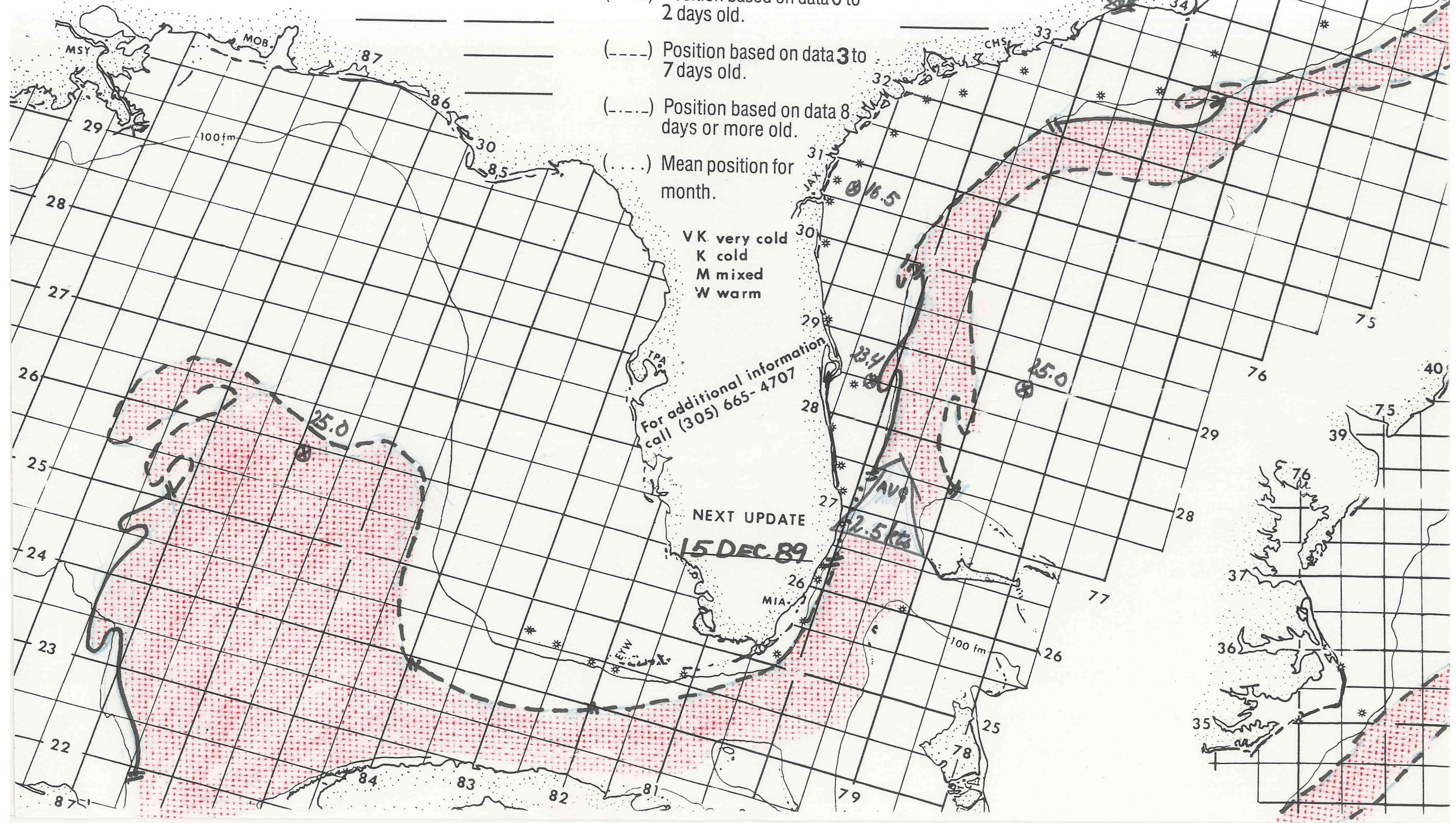
(.....) Position based on data 8 days or more old.

(.....) Mean position for month.

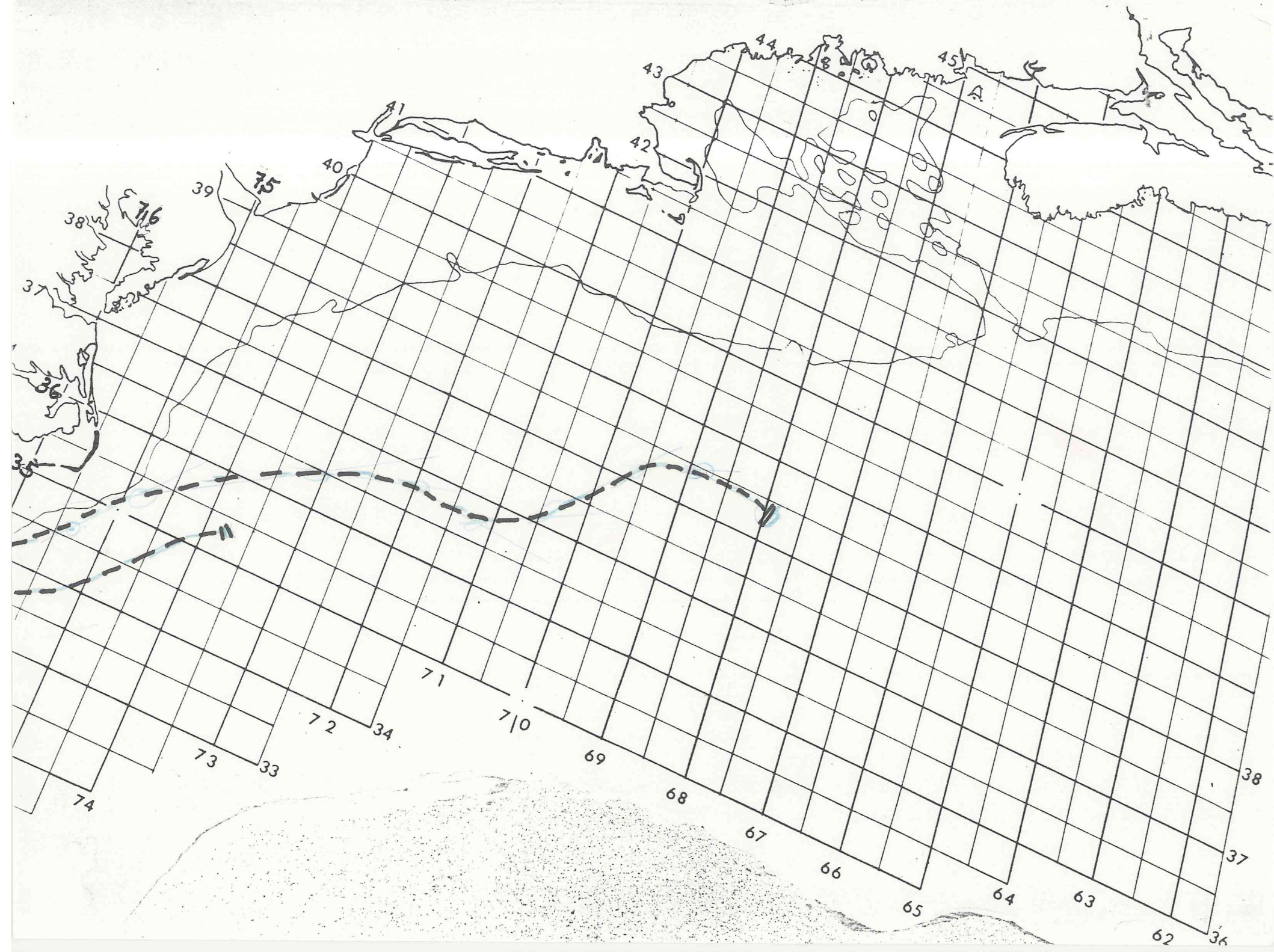
VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE
15 DEC 89



MIAMI SFSS ANALYSIS OF THE GULF STREAM: **13 DEC** 1989 PART B



NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 15 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

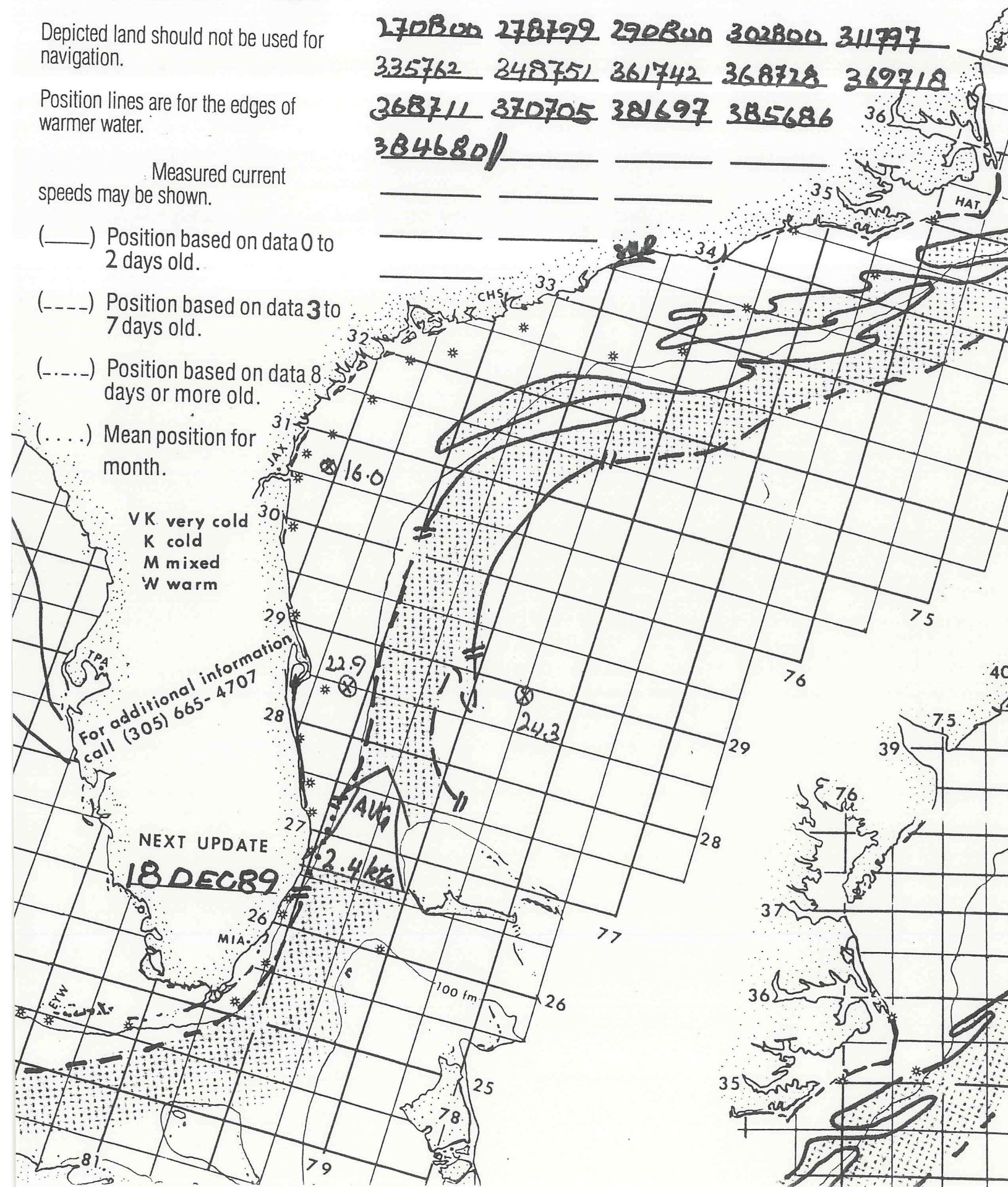
(—) Position based on data 0 to 2 days old.

(---) Position based on data 3 to 7 days old.

(- - - -) Position based on data 8 days or more old.

(....) Mean position for month.

270800 278799 290800 302800 311797
335762 248751 361742 368728 369718
368711 370705 381697 385686
384680



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 15 DEC 1989

217863 221863 229869 233870 239874
250872 258870 259858 258850 250848
247846 238840 236835 237828 239820
242813 250802 256800 260800 // _____

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(____) Position based on data 0 to 2 days old.

(----) Position based on data 3 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

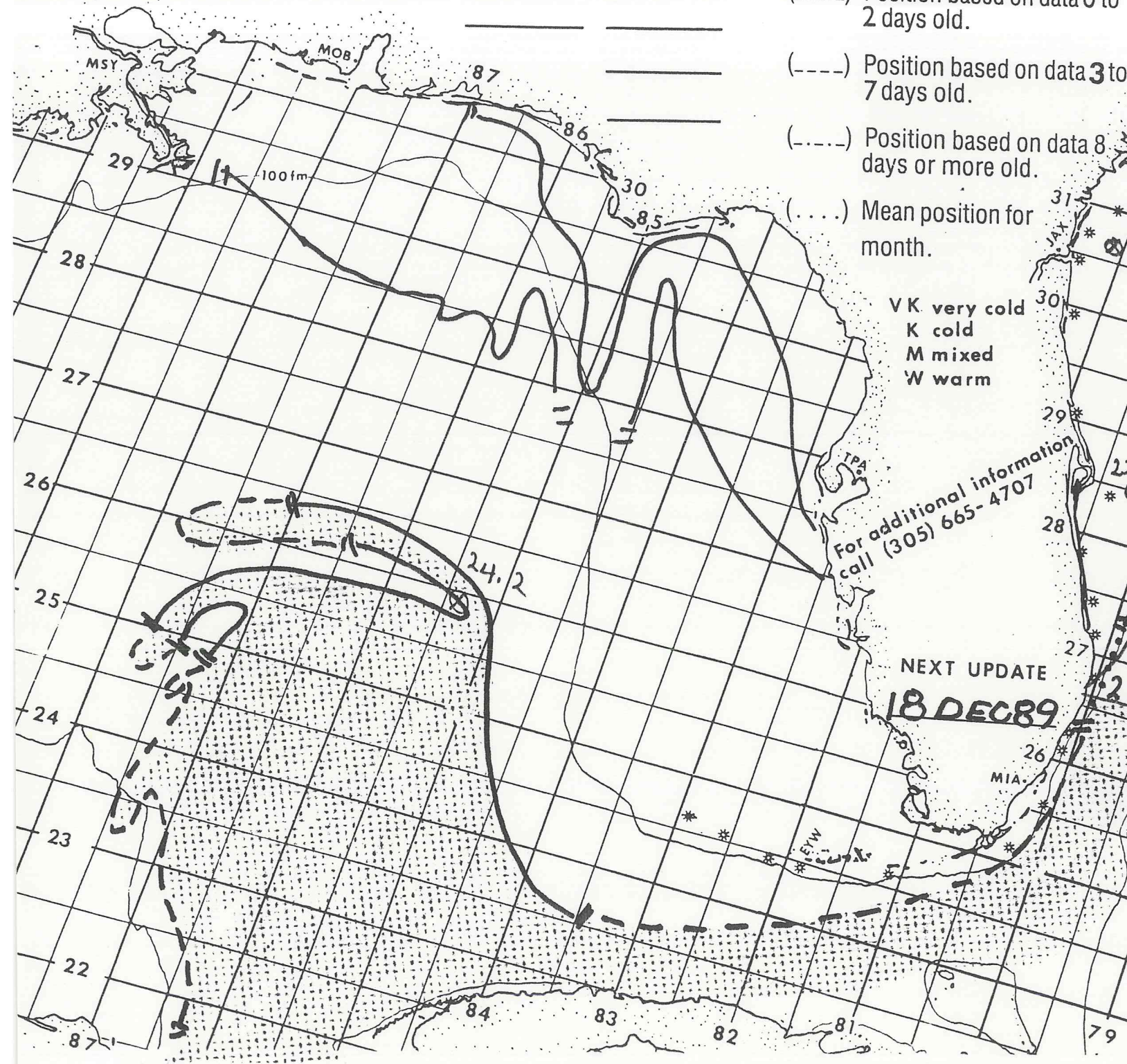
(....) Mean position for month.

V K very cold
 K cold
 M mixed
 W warm

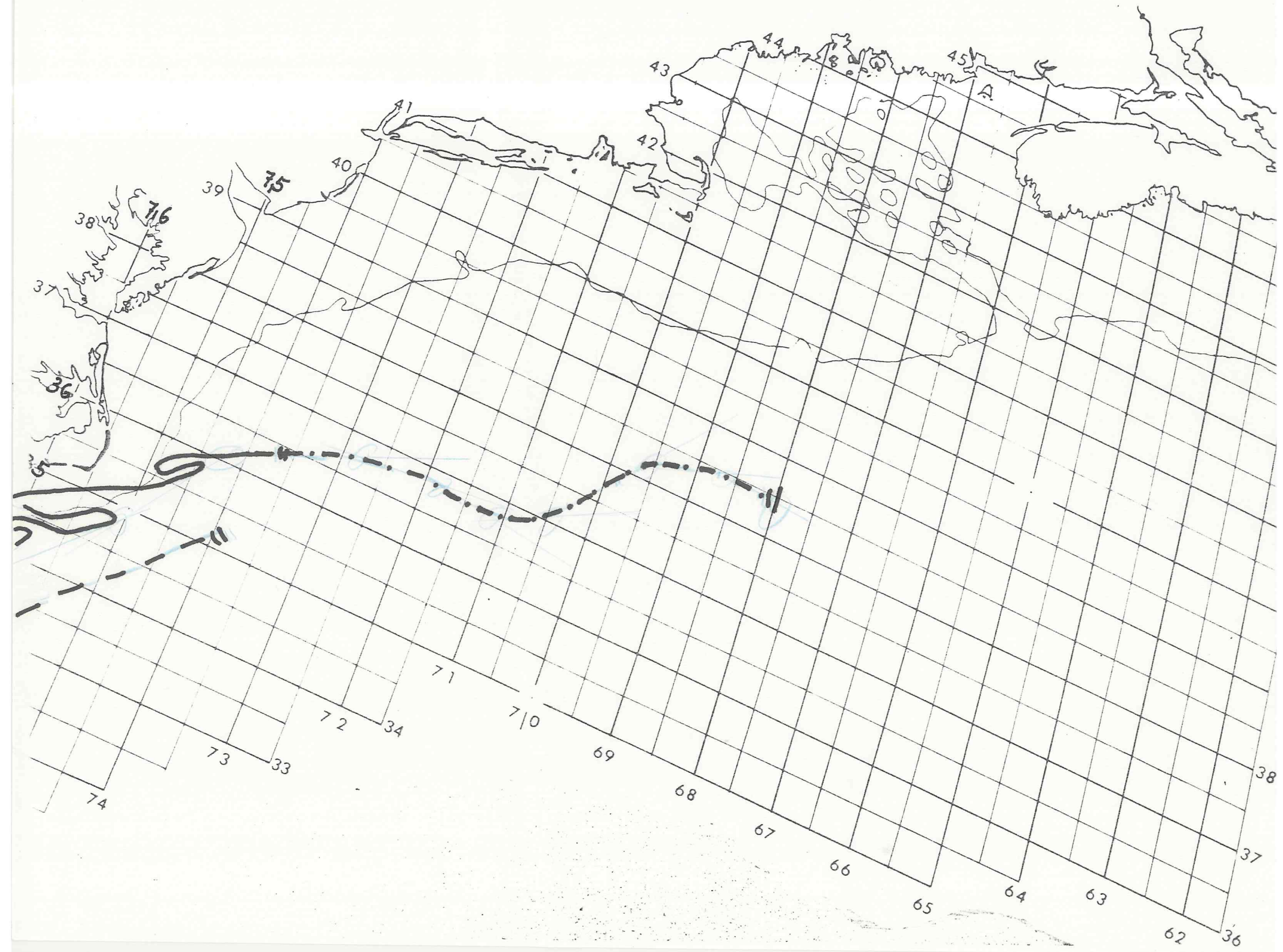
For additional information
 call (305) 665-4707

NEXT UPDATE

18 DEC 89



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 18 DEC 1989

215863 223865 230868 238873 248874
257868 259860 262852 256846 247845
241844 237840 235833 234827 237820
240814 245807 247804 255800 260800

270800 280798 286799 303799 314794
321785 333765 338760 364738 367729
378712 384697

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

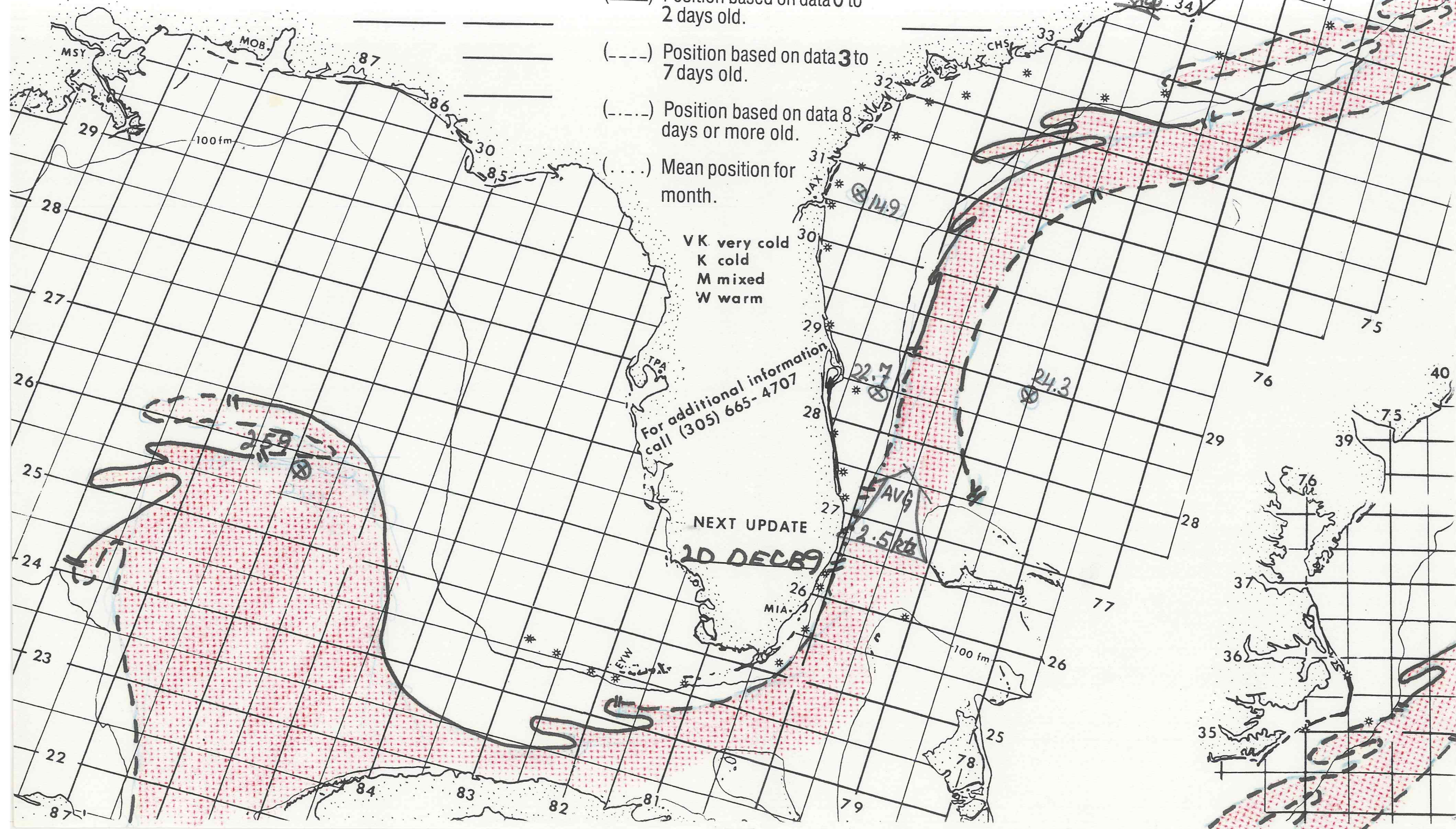
- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (....) Position based on data 8 days or more old.
- (.....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

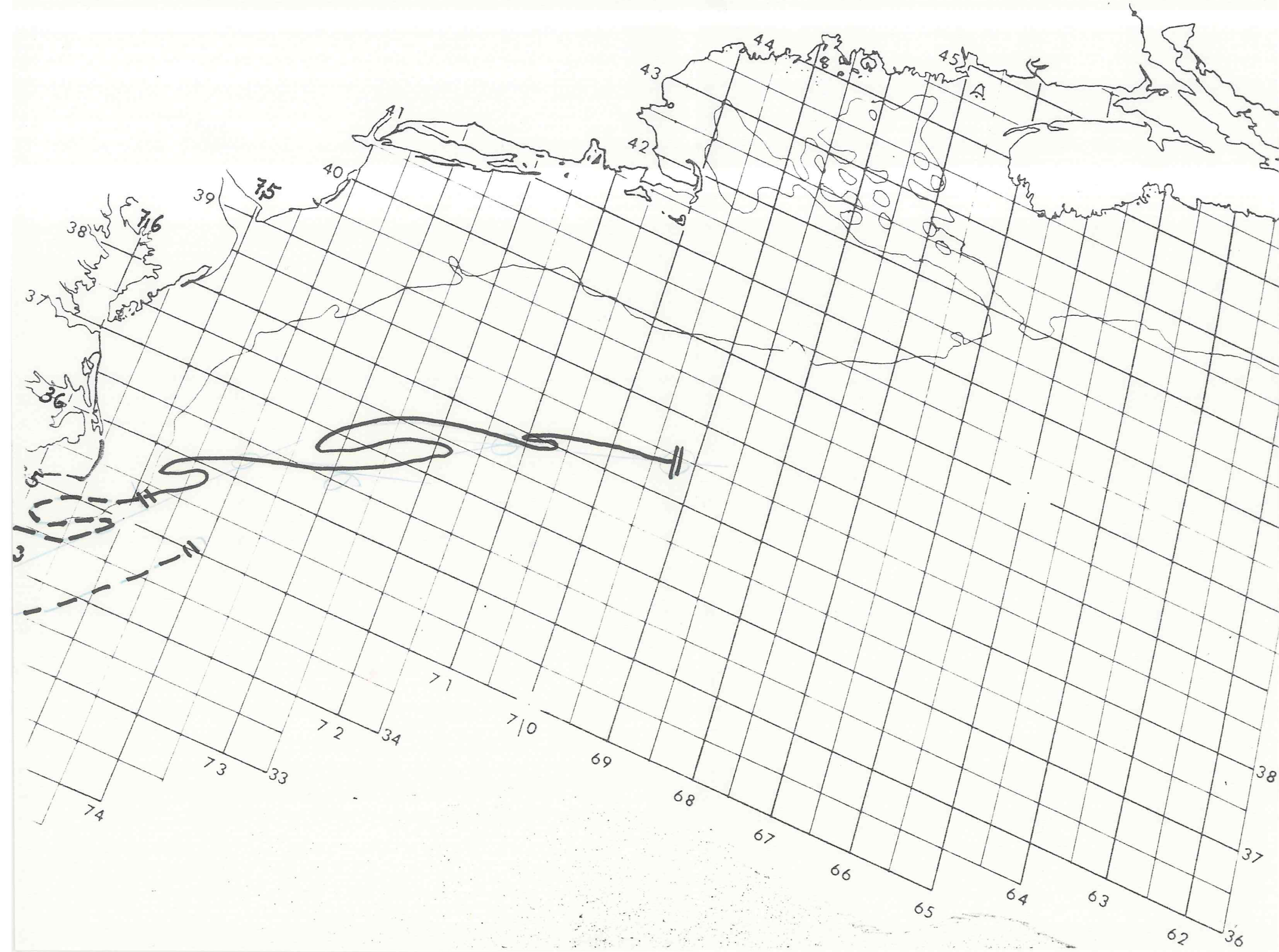
For additional information
 call (305) 665-4707

NEXT UPDATE

20 DEC 89



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215863 223865 230868 238873 248874
 257868 259860 262852 256848 247845
 241844 237840 235833 234827 232820
 240814 245807 247804 255800 260800

Date: 20 DEC 1989

270800 280798 286799 303799 314794
 321785 331765 338760 364738 367729
 378712 384692

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(___) Position based on data 0 to 2 days old.

(---) Position based on data 3 to 7 days old.

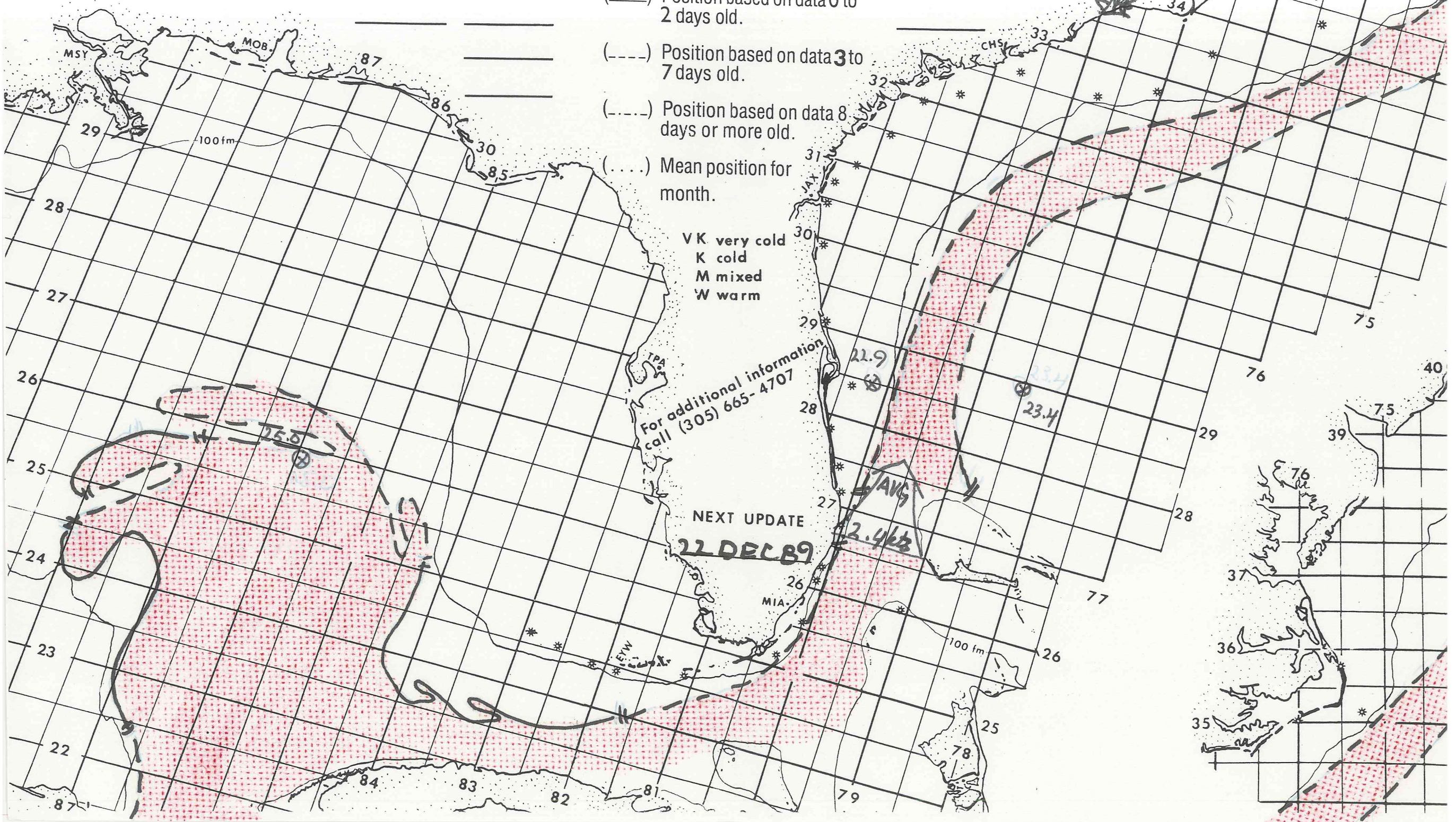
(----) Position based on data 8 days or more old.

(....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE
22 DEC 89



2.4 kts

22.9

23.4

AVG

MIA.

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100 fm

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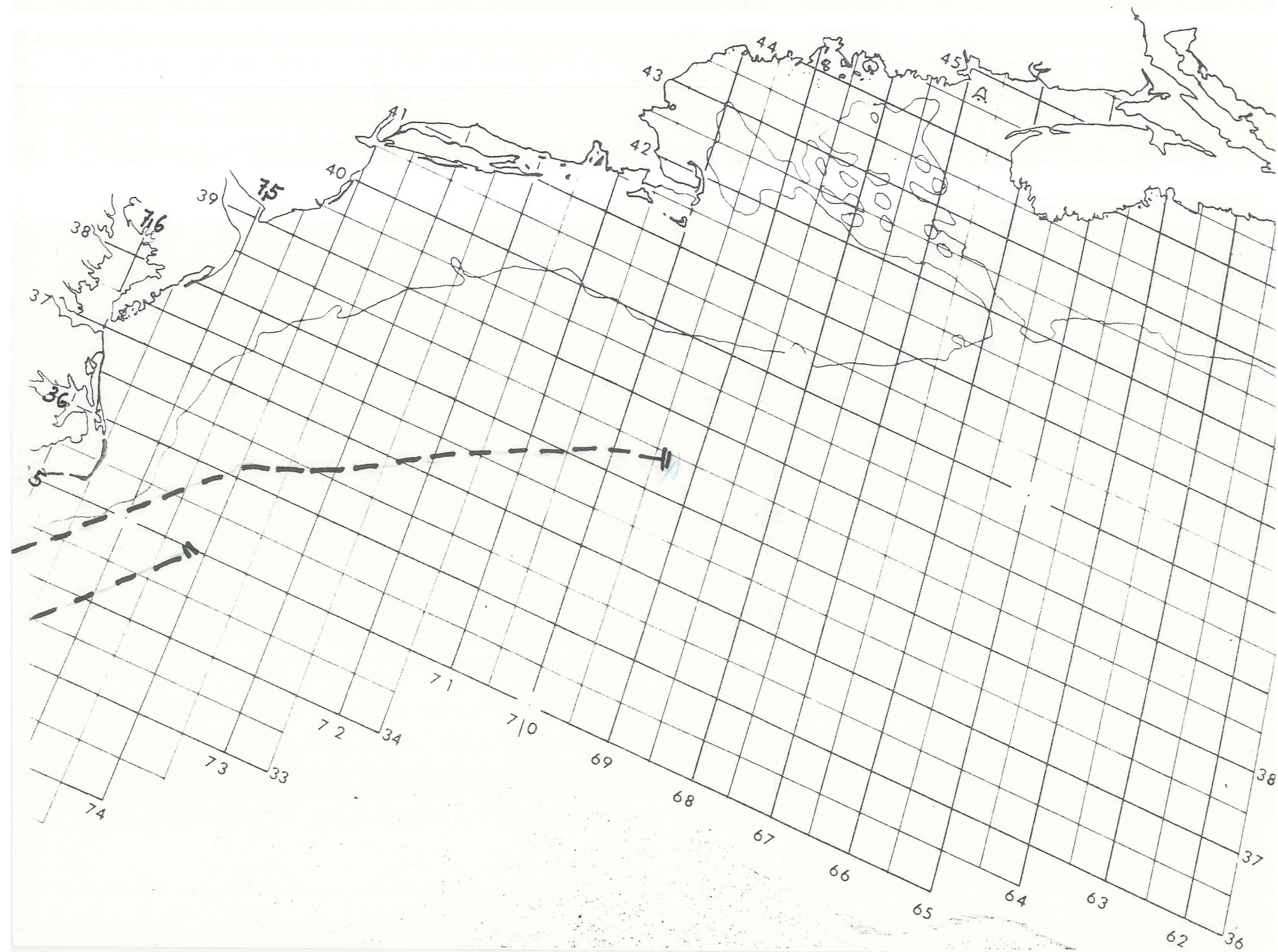
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MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

215863 223865 230868 238873 248874
 257868 259860 262852 256848 247845
 241844 237840 235833 234827 237820
 240814 245807 247804 255800 260800/

NOAA Miami SFSS

Date: 22 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (- - - -) Position based on data 8 days or more old.
- (...) Mean position for month.

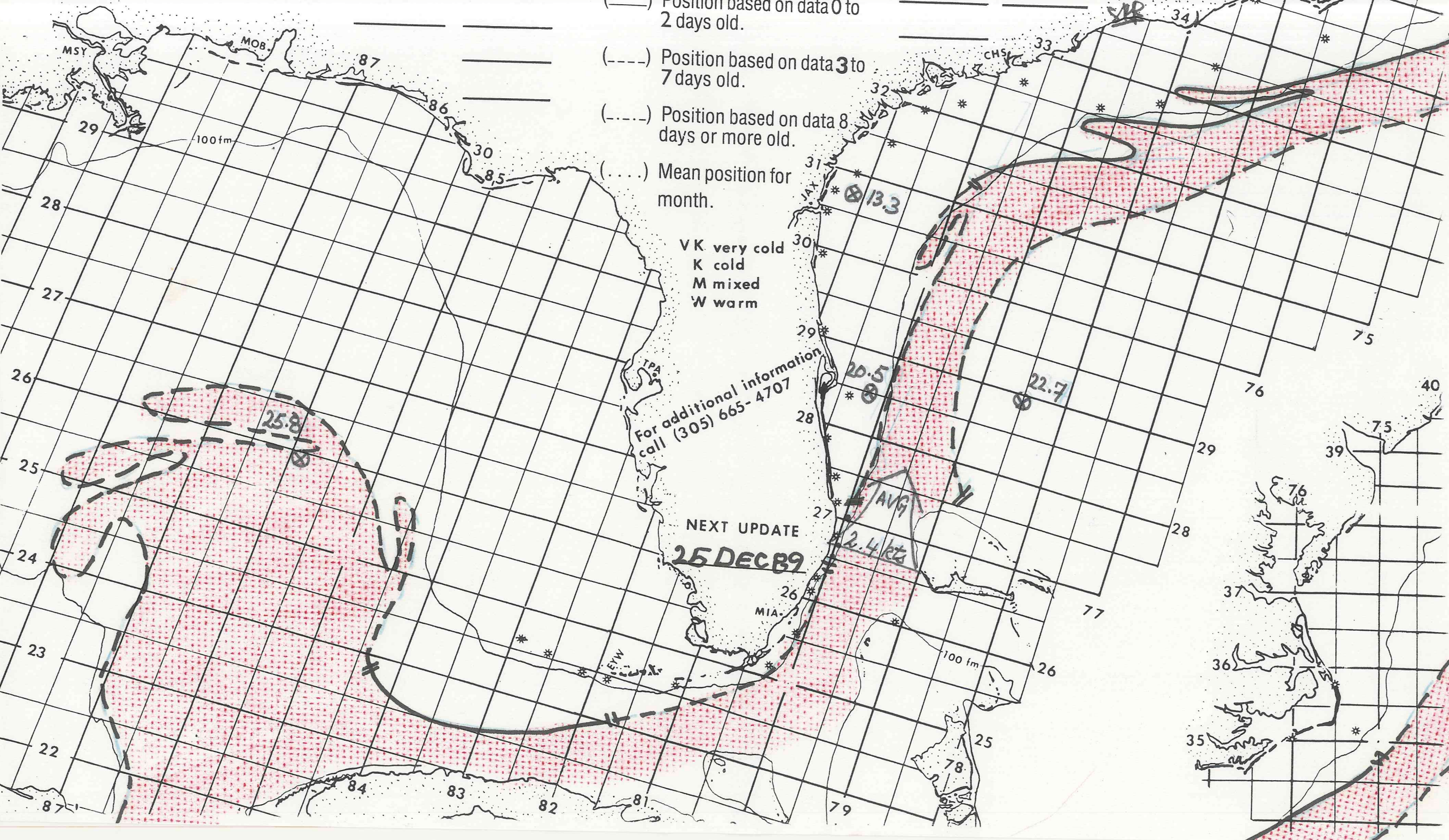
VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE
25 DEC 89

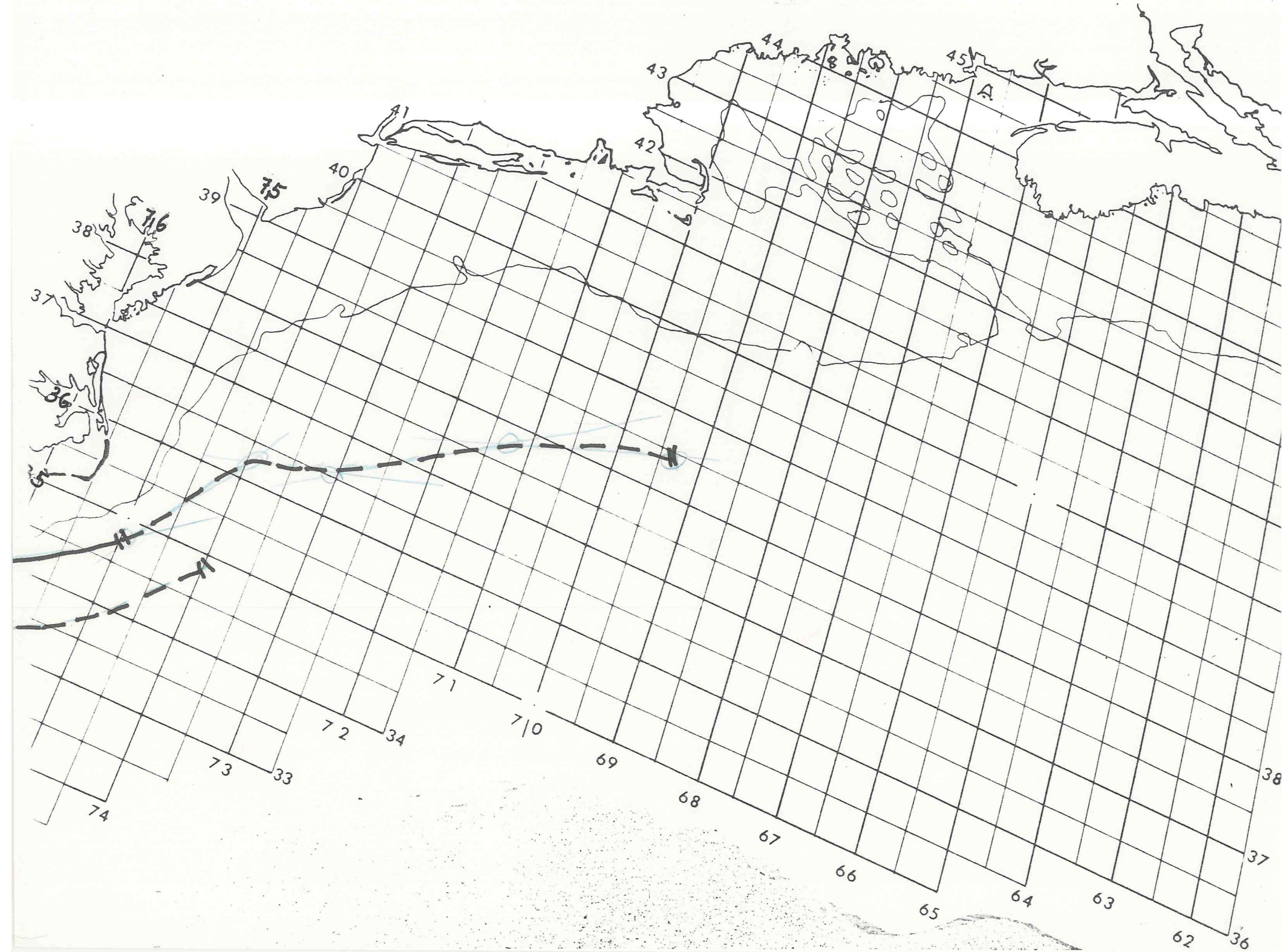
GULF STREAM SYSTEM FLOW CHART # 2450

270800 278799 288800 315797 319790
 322782 348749 363739 366730 378712
 383700 384693//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 DEC 1989

PART B



GULF STREAM SYSTEM FLOW CHART # 2450

215863 223865 230868 238873 248874
 257868 259860 262852 256848 247845
 241844 237840 235833 234827 237820
 240814 245807 247804 255800 260800//

NOAA Miami SFSS

Date: 25 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

- (—) Position based on data 0 to 2 days old.
- (---) Position based on data 3 to 7 days old.
- (-----) Position based on data 8 days or more old.
- (.....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

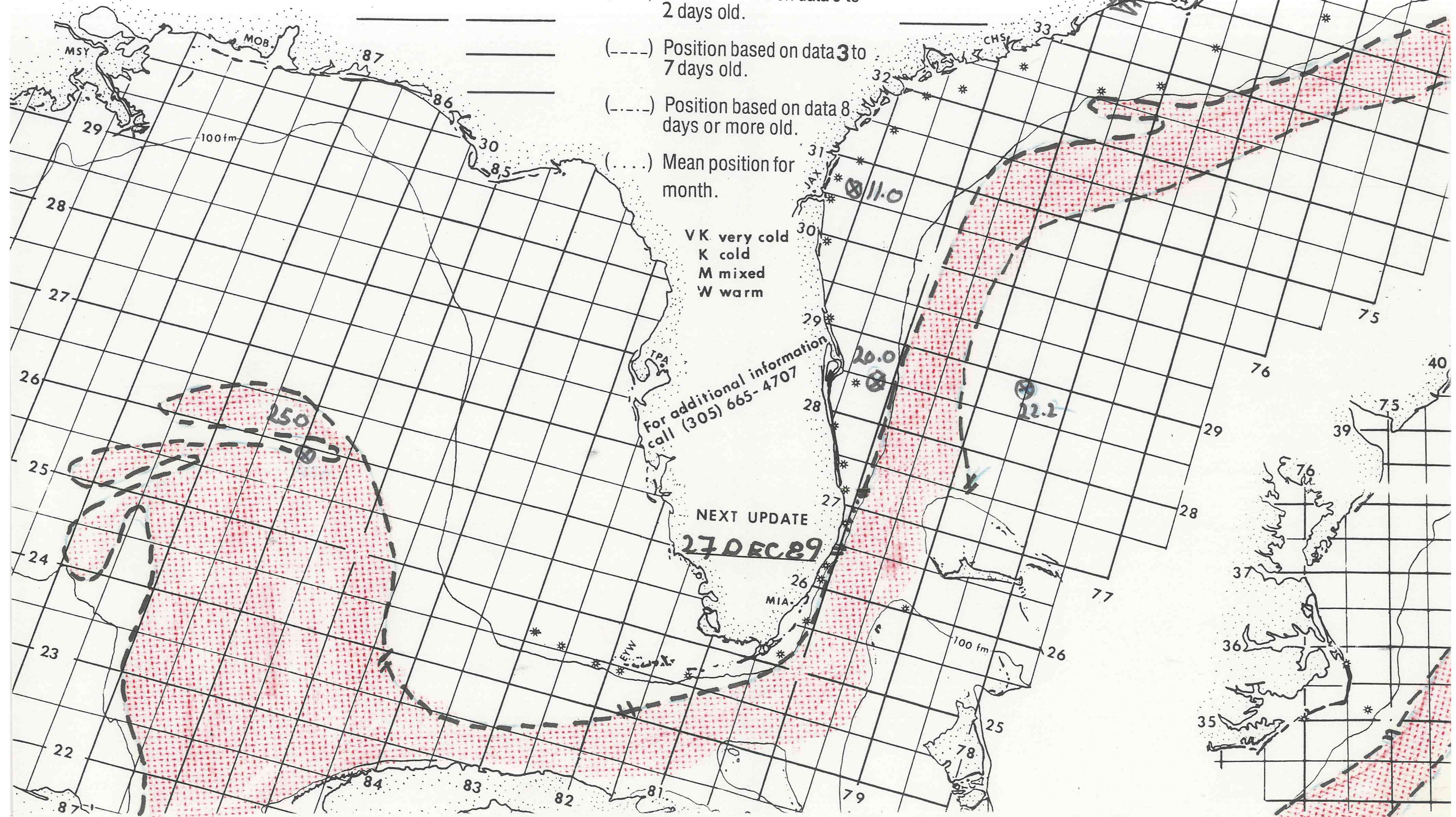
For additional information
 call (305) 665-4707

NEXT UPDATE

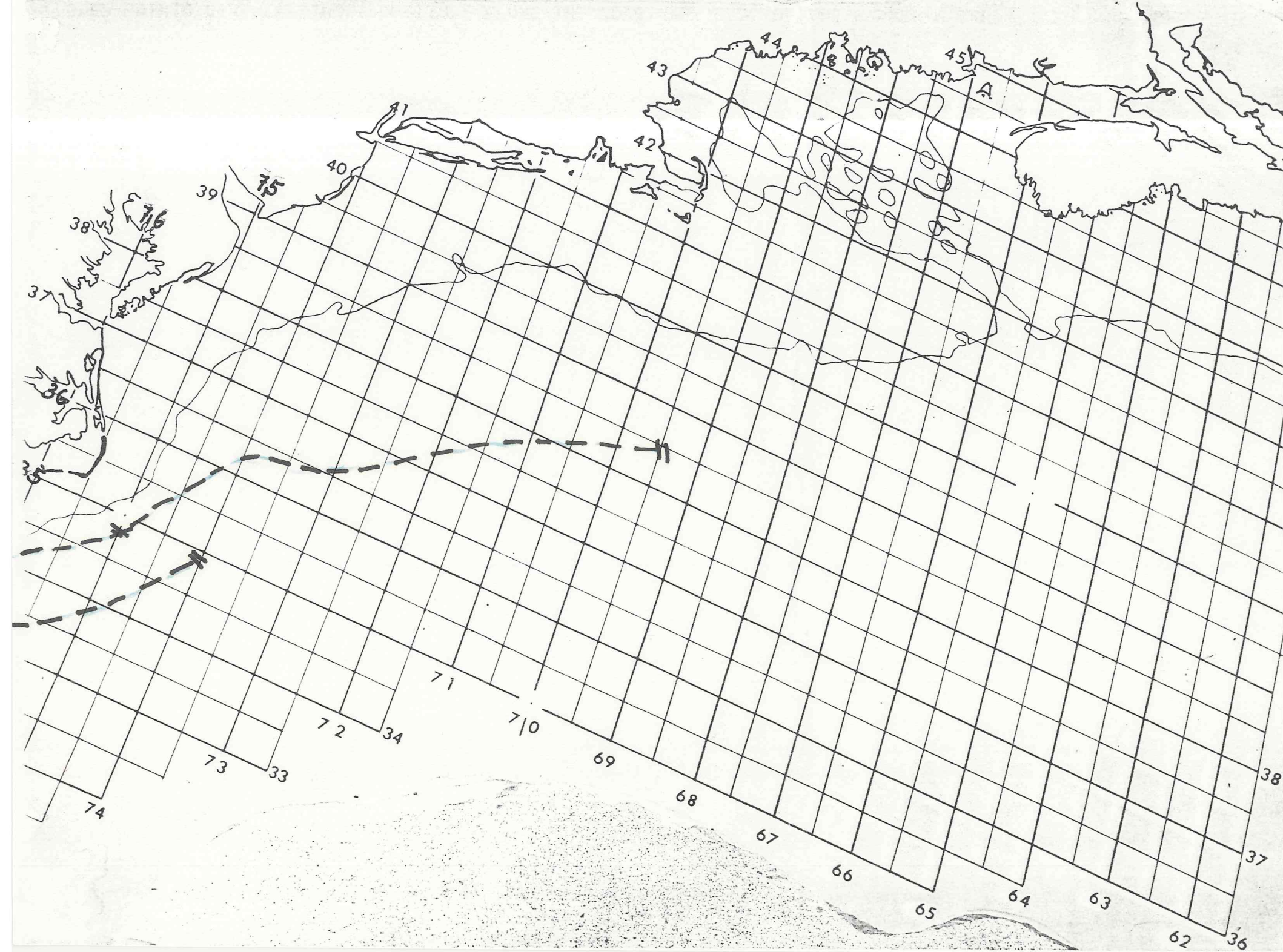
27 DEC 89

GULF STREAM SYSTEM FLOW CHART # 2450

270800 278799 288800 315799 319790
 322782 348749 363739 366730 378712
 383700 384693//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

215863 220863 230870 235875 240877
243882 248883 253887 258886 263880
265875 264867 263858 255850 249848
245843 240842 235838 234835 236828
240820 244816 243810 242805 244803
254800 260798 // _____

NOAA Miami SFSS

Date: 27 DEC 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(____) Position based on data 0 to 2 days old.

(- - - -) Position based on data 3 to 7 days old.

(.....) Position based on data 8 days or more old.

(.....) Mean position for month.

VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE

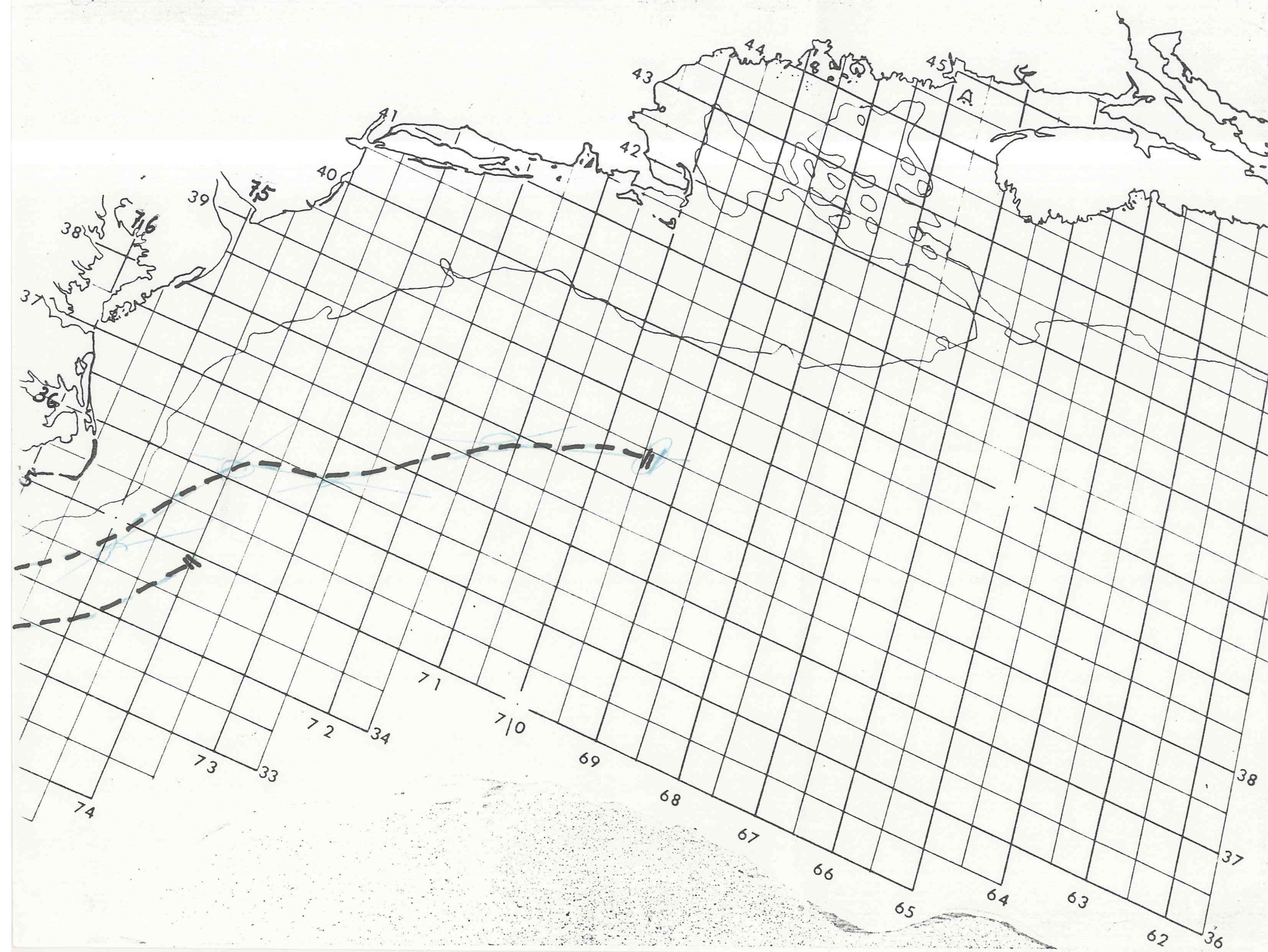
29 DEC 89

GULF STREAM SYSTEM FLOW CHART #

270800 293799 306800 317793 324778
346750 362739 365729 378712 384695 // _____



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 DEC 1989 PART B



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

215862 220863 230871 235875 240876
 249881 251881 259886 263884 263878
 264871 263858 252847 249847 245842
 240841 236835 235829 238821 243815
 245804 248799 251797 260798//

Date: **29 DEC** 1989

Depicted land should not be used for navigation.

Position lines are for the edges of warmer water.

Measured current speeds may be shown.

(—) Position based on data 0 to 2 days old.

(---) Position based on data 3 to 7 days old.

(.....) Position based on data 8 days or more old.

(...) Mean position for month.

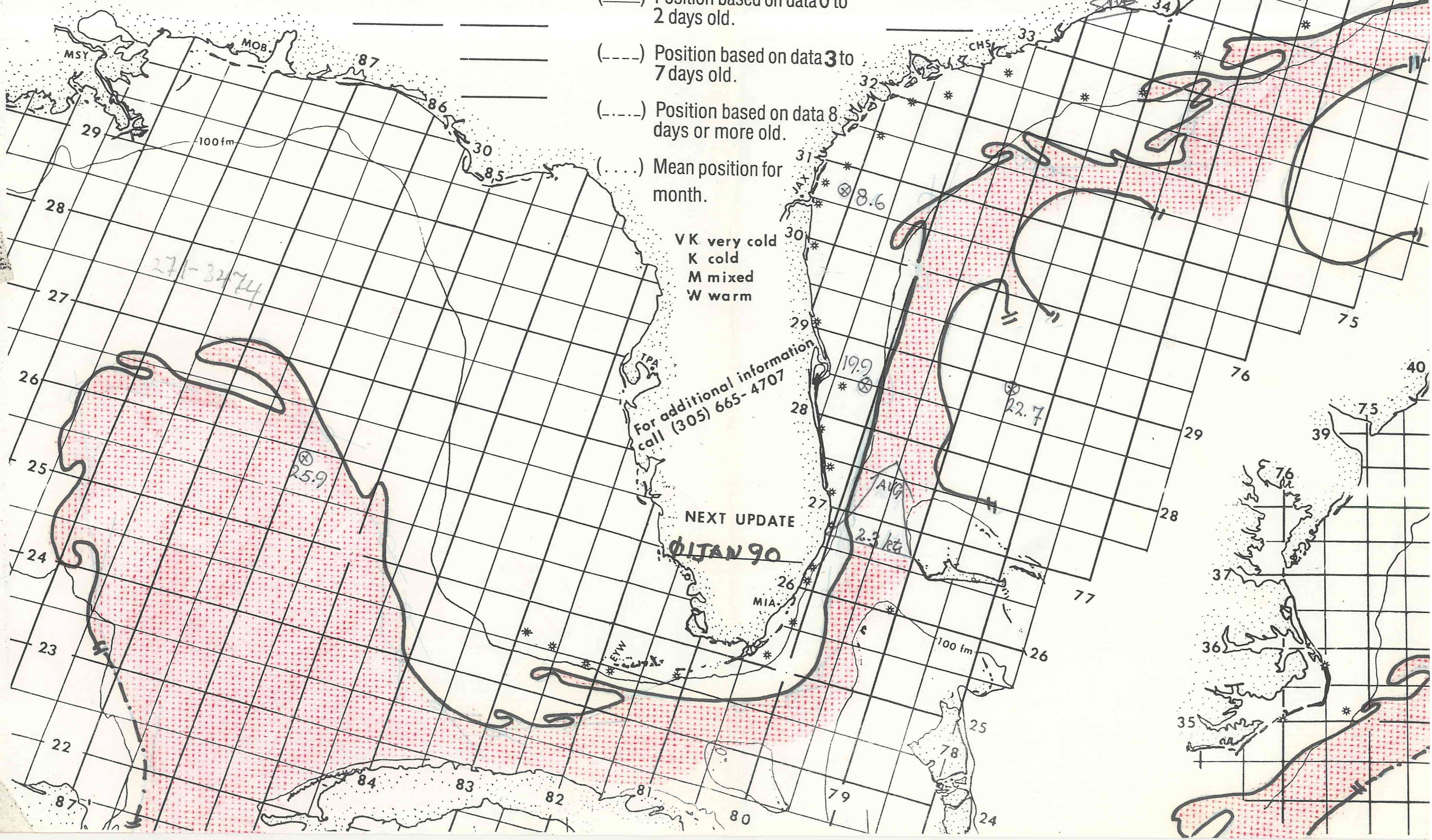
VK very cold
 K cold
 M mixed
 W warm

For additional information
 call (305) 665-4707

NEXT UPDATE

01 JAN 90

270799 286800 299800 309801 317792
 317789 322773 326774 346758 362730
 374716 381704 384695//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 DEC 1989 PART B

